

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB No 1004-0137  
Expires July 31, 2010

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other  
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr  
Other \_\_\_\_\_

2. Name of Operator **COG OPERATING LLC** Contact: **CHASITY JACKSON**  
E-Mail: **cjackson@conchoresources.com**

3. Address **550 WEST TEXAS AVENUE SUITE 1300** 3a. Phone No. (include area code)  
**MIDLAND, TX 79701** Ph: **432-686-3087**

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
At surface **SWSE 10FSL 2299FEL**  
At top prod interval reported below **SWSE Lot O 10FSL 2299FWL**  
At total depth **SWSE 20FSL 2633FEL**

5. Lease Serial No.  
**NMLC028784C**

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.  
**NMNM88525X**

8. Lease Name and Well No  
**BURCH KEELY UNIT 636**

9. API Well No.  
**30-015-38558-00-S1**

10. Field and Pool, or Exploratory  
**GRAYBURG JACKSON**

11. Sec., T., R., M., or Block and Survey  
or Area **Sec 24 T17S R29E Mer NMP**

12. County or Parish  
**EDDY**

13. State  
**NM**

14. Date Spudded  
**06/18/2011**

15. Date T.D. Reached  
**06/26/2011**

16. Date Completed  
☐ D & A ☒ Ready to Prod  
**07/21/2011**

17. Elevations (DF, KB, RT, GL)\*  
**3598 GL**

18. Total Depth: **MD 4836**  
**TVD 4835**

19. Plug Back T.D.: **MD 4772**  
**TVD 4772**

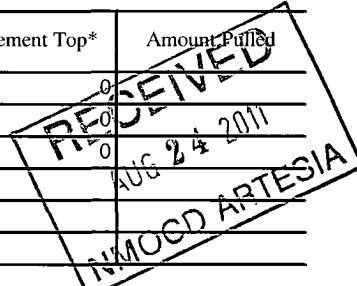
20. Depth Bridge Plug Set: **MD**  
**TVD**

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
**COMPENSATED NEUT**

22. Was well cored? ☒ No ☐ Yes (Submit analysis)  
Was DST run? ☒ No ☐ Yes (Submit analysis)  
Directional Survey? ☒ No ☐ Yes (Submit analysis)

## 23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt (#/ft)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No of Sk. & Type of Cement	Slurry Vol (BBL)	Cement Top*	Amount Filled
17.500	13.375 H-40	48.0	0	307		400			
11.000	8.625 J-55	24.0	0	975		550			
7.875	5.500 J-55	17.0	0	4829		900			



## 24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.875	4711							

## 25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No Holes	Perf. Status
A) <b>PADDOCK</b>	<b>4262</b>	<b>4700</b>	<b>4262 TO 4700</b>	<b>0.410</b>	<b>29</b>	<b>OPEN, Paddock</b>
B)						
C)						
D)						

## 27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
<b>4262 TO 4700</b>	<b>ACIDIZE W/3,000 GALS 15% ACID</b>
<b>4262 TO 4700</b>	<b>FRAC W/173,120 GALS GEL, 201,210# 16/30 BROWN SAND, 21,581# 16/30 SIBERPROP.</b>

ACCEPTED FOR RECORD

AUG 20 2011

## 28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method
<b>07/21/2011</b>	<b>08/03/2011</b>	<b>24</b>	<b>→</b>	<b>25.0</b>	<b>2.0</b>	<b>143.0</b>	<b>37.9</b>		<b>BUREAU OF LAND MANAGEMENT</b>
<b>Choke Size</b>	<b>Tbg Press Flwg SI</b>	<b>Csg Press</b>	<b>24 Hr Rate</b>	<b>Oil BBL</b>	<b>Gas MCF</b>	<b>Water BBL</b>	<b>Gas Oil Ratio</b>	<b>Well Status</b>	<b>CARLSBAD ELECTRIC PUMPING UNIT</b>
		<b>70.0</b>	<b>→</b>	<b>25</b>	<b>2</b>	<b>143</b>		<b>POW</b>	

## 28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method
			<b>→</b>						<b>RECLAMATION</b>
<b>Choke Size</b>	<b>Tbg Press Flwg SI</b>	<b>Csg Press</b>	<b>24 Hr Rate</b>	<b>Oil BBL</b>	<b>Gas MCF</b>	<b>Water BBL</b>	<b>Gas Oil Ratio</b>	<b>Well Status</b>	<b>DUE 1-21-12</b>
			<b>→</b>						

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #115314 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\*

## 28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate →	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	

## 28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate →	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	

## 29. Disposition of Gas(Sold, used for fuel, vented, etc.)

SOLD

## 30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

## 31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc	Name	Top Meas. Depth
YATES SAN ANDRES GLORIETA YESO	1014 2692 4188 4260		DOLOMITE & SAND SAND DOLOMITE & ANHYDRITE SAND	YATES QUEEN SAN ANDRES	1014 2692 4188

## 32. Additional remarks (include plugging procedure):

## 33. Circle enclosed attachments

- |   |                    |               |                       |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd )     | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 6. Core Analysis   | 7. Other      |                       |

## 34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

**Electronic Submission #115314 Verified by the BLM Well Information System.  
For COG OPERATING LLC, sent to the Carlsbad  
Committed to AFMSS for processing by DEBORAH MCKINNEY on 08/17/2011 (11DLM1194SE)**

Name (please print) CHASITY JACKSON

Title PREPARER

Signature (Electronic Submission)

Date 08/16/2011

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**\*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\***